

We have expanded our medical physics Internet platform documentation by (1) automating conversion of PC documents to HTML and (2) developing an electronic logbook which incorporates features of dynamic HTML. The scope of the manual includes routine quality assurance, maintenance, and service of equipment as well as radiation safety and clinical procedures. The manual, as well as detailed information about its development and use in our department of networked PC's and UNIX work stations, will be available for perusal at the computer display. We developed tools in C to automate HTML conversion in order to handle the large body of already existing PC documentation that is useful but not easily accessible in its paper format. Our departmental policies and procedures consists of over 200 Word Perfect documents; information on our in-house developed treatment planning system and other pertinent physics/dosimetry issues are distributed over hundreds of memos. To create web pages document by document, hyperlink by hyperlink is too time consuming, even with commercially available Web Page software. Automated conversion also is useful in maintaining HTML documents, since the tools created can be used by people familiar in creating word processing files, but not familiar with HTML generation. We developed the electronic logbook to inform, share, and track daily events with departmental personnel, such as status of patients requiring special procedures and of maintenance/repair of equipment. The dynamic HTML allows automatic generation of pages and indexes with updated information.